

09/674794

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STRUCTURE FILE UPDATES: 22 AUG 2005 HIGHEST RN 861291-85-2
DICTIONARY FILE UPDATES: 22 AUG 2005 HIGHEST RN 861291-85-2
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*
* The CA roles and document type information have been removed from
* the IDE default display format and the ED field has been added,
* effective March 20, 2005. A new display format, IDERL, is now
* available and contains the CA role and document type information.
*

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Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>.

L1 3715 GGGGSGGGGSGGGGSGGGGS|GGPGS/SOSP

FILE 'CAPLUS' ENTERED AT 14:44:40 ON 23 AUG 2005
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FILE COVERS 1907 - 23 Aug 2005 VOL 143 ISS 9
FILE LAST UPDATED: 22 Aug 2005 (20050822/ED)

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This file contains CAS Registry Numbers for easy and accurate

Searcher : Shears 571-272-2528

substance identification.

L2 1481 S L1
L3 8 S L2 AND ANTIBOD?(S) CONSTRUCT

L3 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN
ED Entered STN: 01 Jul 2005
ACCESSION NUMBER: 2005:570784 CAPLUS
DOCUMENT NUMBER: 143:76835
TITLE: Anti-carcinoembryonic antigen (CEA) single-chain
Fv antibodies
INVENTOR(S): Fox, Judith A.; Harding, Fiona A.; Schellenberger,
Volker
PATENT ASSIGNEE(S): Genencor International, Inc., USA
SOURCE: PCT Int. Appl., 156 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005058236	A2	20050630	WO 2004-US41429	20041210
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2003-529354P	P 20031212
			US 2004-577255P	P 20040604

AB The present invention relates to anti-(carcinoembryonic antigen)
single-chain Fv **antibodies** (CAB mols.), **antibody**
-directed enzyme prodrug therapy (ADEPT) **constructs** directed
against CEA, and their use in therapy.

IT 855815-94-0

RL: PRP (Properties)
(unclaimed sequence; anti-carcinoembryonic antigen (CEA)
single-chain Fv antibodies)

L3 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN
ED Entered STN: 06 Jan 2005
ACCESSION NUMBER: 2005:8670 CAPLUS
DOCUMENT NUMBER: 142:87720
TITLE: Myxococcus xanthus genome and proteome sequences
INVENTOR(S): Goldman, Barry S.; Hinkle, Gregory J.; Slater,
Steven C.; Wiegand, Roger C.
PATENT ASSIGNEE(S): Monsanto Technology, LLC, USA
SOURCE: U.S., 25 pp.
CODEN: USXXAM

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6833447	B1	20041221	US 2001-902540	20010710
US 6833447	B1	20041221	US 2001-902540	20010710
PRIORITY APPLN. INFO.:			US 2000-217883P	P 20000710
			US 2001-902540	A 20010710

AB The present invention relates to nucleic acid sequences from the bacterium, *Myxococcus xanthus* and, in particular, to genomic DNA sequences. Approx. 38,000 genomic nucleotide sequence traces derived from a double-stranded plasmid library prepared from *Myxococcus xanthus* strain DK1622 are generated and assembled into 1849 contig and singleton sequences, providing a set of about 7842 genes or partial genes and 7134 proteins. A series of predictive and homol. based methods identify proteins involved in polyketide synthesis, serine/threonine protein kinases, antibiotic resistance proteins, DNA modification and restriction enzymes, sigma factors, and nitrate pathway proteins. The invention also encompasses oligonucleotides including primers, e.g. useful for amplifying nucleic acid mols., and collections of nucleic acid mols. and oligonucleotides, e.g. in microarrays. The invention also provides constructs and transgenic cells and organisms comprising nucleic acid mols. of the invention. The invention also relates to methods of using the disclosed nucleic acid mols., oligonucleotides, proteins, fragments of proteins, and **antibodies**, for example, for gene identification and anal., and preparation of **constructs** and transgenic cells and organisms. [This abstract record is one of four records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.].

IT **817294-06-7 817317-86-5**
 RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; *Myxococcus xanthus* genome and proteome sequences)

L3 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN

ED Entered STN: 17 Dec 2004

ACCESSION NUMBER: 2004:1080934 CAPLUS

DOCUMENT NUMBER: 142:50242

TITLE: Improved expression and secretion of neublastin using genetic constructs with heterologous signal peptides and deleting the pro-region

INVENTOR(S): Wahlberg, Lars U.; Groenborg, Mette; Kusk, Philip; Tornøe, Jens; Pederson, Nels E.; Sisk, William P.

PATENT ASSIGNEE(S): Nsgene A/S, Den.; Biogen Idec Ma, Inc.

SOURCE: PCT Int. Appl., 168 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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Searcher : Shears 571-272-2528

WO 2004108760	A2	20041216	WO 2004-DK411	20040610
WO 2004108760	A3	20050407		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005089960	A1	20050428	US 2004-864891	20040610
US 2005158824	A1	20050721	US 2004-957221	20041001
PRIORITY APPLN. INFO.:			DK 2003-861	A 20030610
			US 2003-507483P	P 20031002

AB The present invention concerns methods and compns. for producing a neublastin polypeptide as well as local delivery of neublastin to specific regions of the nervous system (including the central nervous system and the eye for example) by gene therapy. The biol. active neublastin polypeptide is produced from a construct not encoding naturally occurring neublastin pro-region, i.e. a construct comprising a nucleic acid with a promoter sequence operably linked to a nucleotide sequence encoding a signal peptide and a neublastin polypeptide, wherein said nucleotide sequence does not encode a neublastin pro-region.

IT 809295-95-2P 809295-96-3P, Neublastin, prepro-(human) 809295-99-6P, 25-140-Neublastin (human) 809296-00-2P, 28-140-Neublastin (human) 809296-08-0P 809296-09-1P 809296-15-9P 809296-20-6P 809296-21-7P 809296-26-2P 809296-27-3P 809296-32-0P 809296-33-1P

RL: BPN (Biosynthetic preparation); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); PREP (Preparation); USES (Uses)

(amino acid sequence; improved expression and secretion of neublastin using genetic constructs with heterologous signal peptides and deleting pro-region)

IT 809297-13-0

RL: PRP (Properties)

(unclaimed protein sequence; improved expression and secretion of neublastin using genetic constructs with heterologous signal peptides and deleting pro-region)

IT 809297-31-2

RL: PRP (Properties)

(unclaimed sequence; improved expression and secretion of neublastin using genetic constructs with heterologous signal peptides and deleting pro-region)

L3 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN

ED Entered STN: 09 Jul 2004

ACCESSION NUMBER: 2004:550525 CAPLUS

DOCUMENT NUMBER: 141:87790

TITLE: Vector system comprising a nucleotide sequence

09/674794

INVENTOR(S): coding for an antibody
Kingsman, Alan John; Bebbington, Christopher
Robert; Carroll, Miles William; Ellard, Fiona
Margaret; Kingsman, Susan Mary; Myers, Kevin Alan;
Lamikanra, Abigail

PATENT ASSIGNEE(S): UK

SOURCE: U.S. Pat. Appl. Publ., 68 pp., Cont.-in-part of
U.S. Pat. Appl. 2003 83,290.
CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 5

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004131591	A1	20040708	US 2002-334235	20021230
WO 2000029428	A2	20000525	WO 1999-GB3859	19991118
WO 2000029428	A3	20001109		
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 6852703	B1	20050208	US 2000-445375	20000321
WO 2001036486	A2	20010525	WO 2000-GB4317	20001113
WO 2001036486	A3	20020510		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 2003083290	A1	20030501	US 2002-60585	20020129
PRIORITY APPLN. INFO.:			GB 1997-11579	A 19970604
			GB 1997-13150	A 19970620
			GB 1997-14230	A 19970704
			WO 1999-GB3859	A 19991118
			GB 2000-3527	A 20000215
			GB 2000-5071	A 20000302
			US 2000-445375	A2 20000321
			WO 2000-GB4317	A2 20001113
			US 2002-60585	A2 20020129

WO 1998-GB1627 W 19980604
 GB 1998-25303 A 19981118
 GB 1999-1739 A 19990127
 GB 1999-17995 A 19990730

AB The authors disclose an expression vector cassette system comprising a nucleotide sequence coding for an antibody. In one example, the nucleotide sequence encodes a single-chain **construct** of an **antibody** targeted to the oncofetal glycoprotein 5T4.

IT 149298-29-3

RL: PRP (Properties)

(unclaimed sequence; vector system comprising a nucleotide sequence coding for an antibody)

L3 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN

ED Entered STN: 24 Oct 2003

ACCESSION NUMBER: 2003:837306 CAPLUS

DOCUMENT NUMBER: 139:334817

TITLE: Identifying modulators for serine/threonine kinases using phospho-specific antibodies and kinase proteins fused with substrate proteins

INVENTOR(S): Suda, Mikiya; Shibahara, Megumi

PATENT ASSIGNEE(S): Glaxo Group Limited, UK

SOURCE: PCT Int. Appl., 38 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003087394	A1	20031023	WO 2003-EP3988	20030415
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.:

US 2002-372662P P 20020415

AB A method is provided for identifying a modulator for serine/threonine kinase employing expression of fusion proteins of a kinase substrate, such as p53, and the serine/threonine kinase. The fusion protein between a substrate protein and a serine/threonine kinase is expressed in a cell, the cell incubated with a candidate modulator, and the level of phosphorylation of the substrate determined. Phosphorylation may be determined in many ways, including Western blotting and ELISA using phospho-specific antibodies. Protein p53 is chosen as substrate within the fusion protein **construct** based on the fact that

(1) p53 can be phosphorylated by multiple kinases such as Chk1/2, protein kinase A, and JNK kinase; (2) within p53 there are several phosphorylation sites; and (3) **antibodies** are com. available which recognize a particular phosphorylation site within p53. Preferred kinases can be derived from p38, JNK3, SGK, PLK1, YAK3, MAPKAPK2, MYT1, CDK5, ROCK1/2, and Chk1.

IT 615863-97-3 616522-70-4 616522-72-6

616522-74-8

RL: ANT (Analyte); ARG (Analytical reagent use); PRP (Properties);

ANST (Analytical study); USES (Uses)

(amino acid sequence; identifying modulators for serine/threonine kinases using phospho-specific antibodies and kinase proteins fused with substrate proteins)

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN

ED Entered STN: 20 Mar 2003

ACCESSION NUMBER: 2003:219693 CAPLUS

DOCUMENT NUMBER: 138:253715

TITLE: Multimeric single chain tandem Fv-antibodies

INVENTOR(S): Le Gall, Fabrice; Kipriyanov, Sergey; Reusch, Uwe; Moldenhauer, Gerhard; Little, Melvyn

PATENT ASSIGNEE(S): Affimed Therapeutics AG, Germany

SOURCE: Eur. Pat. Appl., 29 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1293514	A1	20030319	EP 2001-122104	20010914
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
WO 2003025018	A2	20030327	WO 2002-EP10307	20020913
WO 2003025018	A3	20030828		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
JP 2005508628	T2	20050407	JP 2003-528863	20020913
US 2005079170	A1	20050414	US 2003-489626	20020913
PRIORITY APPLN. INFO.:			EP 2001-122104	A 20010914
			WO 2002-EP10307	W 20020913

AB The authors disclose the preparation and characterization of multimeric tandem scFv-**antibody constructs**. A monomeric construct is comprised of one single-chain Fv fragment joined by a linker peptide to a second single-chain Fv fragment of the same or

different specificity. The linker peptides joining each pair of VH/VL domains in the tandem construct are not identical; the monomer contains a terminal dimerization domain to facilitate multimerization. In one example, a tandem scFv-antibody construct was prepared with specificity for CD3 and CD19.

IT 502771-42-8P 502771-44-0P

RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(amino acid sequence; preparation and characterization of multimeric tandem single-chain antibodies)

IT 149298-29-3

RL: PRP (Properties)

(linker peptide for preparation of multimeric tandem single-chain antibodies)

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN

ED Entered STN: 08 Sep 2002

ACCESSION NUMBER: 2002:676155 CAPLUS

DOCUMENT NUMBER: 137:214226

TITLE: Use of mammalian retinoid-inducible serine carboxypeptidase gene in diagnosis and treatment of vascular diseases

INVENTOR(S): Miano, Joseph Michael; Streb, Jeffrey Williams; Chen, Jiyuan

PATENT ASSIGNEE(S): University of Rochester, USA

SOURCE: PCT Int. Appl., 129 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002068599	A2	20020906	WO 2002-US5560	20020222
WO 2002068599	A3	20040429		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2438827	AA	20020906	CA 2002-2438827	20020222
EP 1436390	A2	20040714	EP 2002-704448	20020222
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR			
US 2004197784	A1	20041007	US 2004-468655	20040423
PRIORITY APPLN. INFO.:			US 2001-271183P	P 20010222
			US 2001-293097P	P 20010523

AB The present invention relates to an isolated retinoid inducible serine carboxypeptidase proteins or polypeptides, and the nucleic acid mols. encoding such a protein or polypeptide. Nucleic acid **constructs**, expression systems and host cells containing those nucleic acid mols., and **antibodies** raised against the proteins or polypeptides are also disclosed. The present invention also relates to methods for detecting a vascular disease or disorder, inhibiting smooth muscle cell growth, treating vascular hyperplasia, and inhibiting the activity of extracellular regulated kinase. The present invention also relates to a transgenic non-human animal lacking a gene encoding a retinoid inducible protein or polypeptide.

IT **456543-55-8 457048-38-3**

RL: PRP (Properties)

(unclaimed sequence; mammalian retinoid-inducible serine carboxypeptidase gene in diagnosis and treatment of vascular diseases)

L3 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN

ED Entered STN: 12 Nov 1999

ACCESSION NUMBER: 1999:723065 CAPLUS

DOCUMENT NUMBER: 131:350246

TITLE: Multivalent Fv **antibody constructs** containing at least four variable domains and their use in diagnosis and therapy

INVENTOR(S): Little, Melvyn; Kipriyanov, Sergej

PATENT ASSIGNEE(S): Deutsches Krebsforschungszentrum Stiftung des Offentlichen Rechts, Germany

SOURCE: PCT Int. Appl., 48 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9957150	A2	19991111	WO 1999-DE1350	19990505
WO 9957150	A3	20000622		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 19819846	A1	19991111	DE 1998-19819846	19980505
CA 2331641	AA	19991111	CA 1999-2331641	19990505
AU 9948960	A1	19991123	AU 1999-48960	19990505
EP 1078004	A2	20010228	EP 1999-932626	19990505
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, SE				
JP 2002513805	T2	20020514	JP 2000-547118	19990505
PRIORITY APPLN. INFO.:			DE 1998-19819846	A 19980505

- AB The invention relates to a multivalent Fv **antibody construct** comprising at least four variable domains which are connected to one another via peptide linkers 1, 2 and 3. The invention also relates to expression plasmids which code for such an Fv **antibody construct**. In addition, the invention relates to a method for producing the Fv **antibody constructs** and to the use thereof. The invention is based on the discovery that the stability of Fv constructs are enhanced when they are in the form of single-chain dimers in which the 4 variable domains are connected via 3 peptide linkers. The Fv construct folds with itself when the middle peptide linker contains 10-30 amino acids. However, when the middle peptide linker contains 10 or fewer amino acids the Fv construct folds with another Fv construct thus producing a multivalent multimer. These Fv constructs may addnl. be multispecific. For example, Fv dimers and tetramers targeting both CD3 and CD19 antigens were prepared with recombinant Escherichia coli and Pichia pastoris.
- IT **250245-29-5P 250245-35-3P**
RL: ARG (Analytical reagent use); BPN (Biosynthetic preparation); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
(amino acid sequence; multivalent Fv **antibody constructs** containing at least four variable domains and their use in diagnosis and therapy)
- IT **149298-29-3 249509-02-2**
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence)
(peptide linker; multivalent Fv **antibody constructs** containing at least four variable domains and their use in diagnosis and therapy)

E31 THROUGH E60 ASSIGNED

FILE 'REGISTRY' ENTERED AT 14:46:27 ON 23 AUG 2005

L4 30 SEA FILE=REGISTRY ABB=ON PLU=ON (149298-29-3/BI OR 249509-02-2/BI OR 250245-29-5/BI OR 250245-35-3/BI OR 456543-55-8/BI OR 457048-38-3/BI OR 502771-42-8/BI OR 502771-44-0/BI OR 615863-97-3/BI OR 616522-70-4/BI OR 616522-72-6/BI OR 616522-74-8/BI OR 809295-95-2/BI OR 809295-96-3/BI OR 809295-99-6/BI OR 809296-00-2/BI OR 809296-08-0/BI OR 809296-09-1/BI OR 809296-15-9/BI OR 809296-20-6/BI OR 809296-21-7/BI OR 809296-26-2/BI OR 809296-27-3/BI OR 809296-32-0/BI OR 809296-33-1/BI OR 809297-13-0/BI OR 809297-31-2/BI OR 817294-06-7/BI OR 817317-86-5/BI OR 855815-94-0/BI)

L4 ANSWER 1 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN
RN **855815-94-0** REGISTRY
CN 59: PN: WO2005058236 PAGE: 62/79 unclaimed protein (9CI) (CA INDEX NAME)
SQL 622
MF Unspecified
CI MAN

REFERENCE 1: 143:76835

L4 ANSWER 2 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN

RN **817317-86-5** REGISTRY
CN Protein MYX12_4863 (Myxococcus xanthus strain DK1622) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 2553: PN: US6833447 SEQID: 14554 claimed protein
SQL 319
MF Unspecified
CI MAN

REFERENCE 1: 142:87720

L4 ANSWER 3 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN

RN **817294-06-7** REGISTRY

CN Protein MYX12_2448 (Myxococcus xanthus strain DK1622) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 139: PN: US6833447 SEQID: 12139 claimed protein
SQL 198
MF Unspecified
CI MAN

REFERENCE 1: 142:87720

L4 ANSWER 4 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN

RN **809297-31-2** REGISTRY

CN 84: PN: WO2004108760 TABLE: 1 unclaimed sequence (9CI) (CA INDEX NAME)

SQL 220
MF Unspecified
CI MAN

REFERENCE 1: 142:50242

L4 ANSWER 5 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN

RN **809297-13-0** REGISTRY

CN 21: PN: WO2004108760 SEQID: 21 unclaimed protein (9CI) (CA INDEX NAME)

SQL 140
MF Unspecified
CI MAN

REFERENCE 1: 142:50242

L4 ANSWER 6 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN

RN **809296-33-1** REGISTRY

CN Somatotropin (human signal peptide) fusion protein with 28-140-neublabin (human) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 53: PN: WO2004108760 SEQID: 53 claimed protein
SQL 139
MF Unspecified
CI MAN

REFERENCE 1: 142:50242

L4 ANSWER 7 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN

RN **809296-32-0** REGISTRY

CN Somatotropin (human signal peptide) fusion protein with neublabin (human) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 52: PN: WO2004108760 SEQID: 52 claimed protein
SQL 166
MF Unspecified
CI MAN

REFERENCE 1: 142:50242

L4 ANSWER 8 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN
RN 809296-27-3 REGISTRY
CN Signal peptide (synthetic) fusion protein with 28-140-neublastin
(human) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 46: PN: WO2004108760 SEQID: 46 claimed protein
SQL 132
MF Unspecified
CI MAN

REFERENCE 1: 142:50242

L4 ANSWER 9 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN
RN 809296-26-2 REGISTRY
CN Signal peptide (synthetic) fusion protein with neublastin (human)
(9CI) (CA INDEX NAME)

OTHER NAMES:

CN 45: PN: WO2004108760 SEQID: 45 claimed protein
SQL 159
MF Unspecified
CI MAN

REFERENCE 1: 142:50242

L4 ANSWER 10 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN
RN 809296-21-7 REGISTRY
CN Albumin (Rattus norvegicus signal peptide) fusion protein with
28-140-neublastin (human) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 39: PN: WO2004108760 SEQID: 39 claimed protein
SQL 131
MF Unspecified
CI MAN

REFERENCE 1: 142:50242

L4 ANSWER 11 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN
RN 809296-20-6 REGISTRY
CN Albumin (Rattus norvegicus signal peptide) fusion protein with
neublastin (human) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 38: PN: WO2004108760 SEQID: 38 claimed protein
SQL 158
MF Unspecified
CI MAN

REFERENCE 1: 142:50242

L4 ANSWER 12 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN
RN 809296-15-9 REGISTRY
CN Immunoglobulin (Mus musculus signal peptide) fusion protein with

neublastin (human) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 31: PN: WO2004108760 SEQID: 31 claimed protein
SQL 159
MF Unspecified
CI MAN

REFERENCE 1: 142:50242

L4 ANSWER 13 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN
RN 809296-09-1 REGISTRY
CN Neublastin (human signal peptide) fusion protein with
28-140-neublastin (human) (9CI) (CA INDEX NAME)

OTHER NAMES:
CN 26: PN: WO2004108760 SEQID: 26 claimed protein
SQL 152
MF Unspecified
CI MAN

REFERENCE 1: 142:50242

L4 ANSWER 14 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN
RN 809296-08-0 REGISTRY
CN Neublastin (human signal peptide) fusion protein with Neublastin
(human) (9CI) (CA INDEX NAME)

OTHER NAMES:
CN (1-39), (81-220)-Neublastin, prepro- (human)
CN 25: PN: WO2004108760 SEQID: 25 claimed protein
SQL 179
MF Unspecified
CI MAN

REFERENCE 1: 142:50242

L4 ANSWER 15 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN
RN 809296-00-2 REGISTRY
CN 28-140-Neublastin (human) (9CI) (CA INDEX NAME)

OTHER NAMES:
CN 14: PN: WO2004108760 SEQID: 14 claimed protein
SQL 113
MF Unspecified
CI MAN

REFERENCE 1: 142:50242

L4 ANSWER 16 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN
RN 809295-99-6 REGISTRY
CN 25-140-Neublastin (human) (9CI) (CA INDEX NAME)

OTHER NAMES:
CN 13: PN: WO2004108760 SEQID: 13 claimed protein
SQL 116
MF Unspecified
CI MAN

REFERENCE 1: 142:50242

L4 ANSWER 17 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN
RN 809295-96-3 REGISTRY
CN Neublastin, prepro- (human) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 10: PN: WO2004108760 SEQID: 10 claimed protein
SQL 220
MF Unspecified
CI MAN

REFERENCE 1: 142:50242

L4 ANSWER 18 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN
RN **809295-95-2** REGISTRY
CN Immunoglobulin (Mus musculus immunoglobulin) fusion protein with
28-140-neublastin (human) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 9: PN: WO2004108760 SEQID: 9 claimed protein
SQL 132
MF Unspecified
CI MAN

REFERENCE 1: 142:50242

L4 ANSWER 19 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN
RN **616522-74-8** REGISTRY
CN p53 (protein) (human) fusion protein with 1-270-gene chk1 protein
kinase (human) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 7: PN: WO03087394 SEQID: 7 claimed protein
SQL 686
MF Unspecified
CI MAN

REFERENCE 1: 139:334817

L4 ANSWER 20 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN
RN **616522-72-6** REGISTRY
CN p53 (protein) (human) fusion protein with 60-431-gene sgk protein
kinase (human) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 5: PN: WO03087394 SEQID: 5 claimed protein
SQL 788
MF Unspecified
CI MAN

REFERENCE 1: 139:334817

L4 ANSWER 21 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN
RN **616522-70-4** REGISTRY
CN p53 (protein) (human) fusion protein with 1-378-gene Myt1 protein
kinase (human) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 3: PN: WO03087394 SEQID: 3 claimed protein
SQL 794
MF Unspecified
CI MAN

REFERENCE 1: 139:334817

L4 ANSWER 22 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN
RN **615863-97-3** REGISTRY
CN p53 (protein) (human) fusion protein with gene YAK3 protein kinase

(human) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1: PN: WO03087394 SEQID: 1 claimed protein

SQL 801

MF Unspecified

CI MAN

REFERENCE 1: 139:334817

L4 ANSWER 23 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN

RN 502771-44-0 REGISTRY

CN Immunoglobulin, anti-(human CD19 (antigen)) (mouse clone DSM-14471 single-chain precursor) fusion protein with immunoglobulin, anti-(human CD3 (antigen)) (mouse single-chain) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 3: PN: EP1293514 FIGURE: 7 claimed protein

SQL 562

MF Unspecified

CI MAN

REFERENCE 1: 138:253715

L4 ANSWER 24 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN

RN 502771-42-8 REGISTRY

CN Immunoglobulin, anti-(human CD3 (antigen)) (mouse clone DSM-14470 single-chain precursor) fusion protein with immunoglobulin, anti-(human CD19 (antigen)) (mouse single-chain) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1: PN: EP1293514 FIGURE: 6 claimed protein

SQL 562

MF Unspecified

CI MAN

REFERENCE 1: 138:253715

L4 ANSWER 25 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN

RN 457048-38-3 REGISTRY

CN L-Serine, L-tryptophyl-L-leucyl-L-glutaminyglycylglycyl-L-prolylglycyl-L-seryl-L-seryl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 2: PN: WO02068599 SEQID: 2 unclaimed sequence

SQL 10

MF C42 H62 N12 O15

REFERENCE 1: 137:214226

L4 ANSWER 26 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN

RN 456543-55-8 REGISTRY

CN L-Proline, L-tryptophyl-L-leucyl-L-glutaminyglycylglycyl-L-prolylglycyl-L-seryl-L-seryl-L-seryl-L-isoleucyl-L-phenylalanyl-L-cysteinyl-L- α -glutamyl-L-seryl-L-tyrosylglycylglycyl-L-valyl-L-tyrosyl-L-asparaginyglycyl-L-asparaginy-L- α -glutamyl-L- α -aspartyl-L-leucyl-L-isoleucyl-L-leucyl-L-glutaminy-L-phenylalanyl-L-tryptophyl-L-tryptophyl-L-isoleucyl-L-leucyl-L-arginyl-L-alanylglycyl-L-histidyl-L-methionyl-L-valyl-L-alanyl-L-tyrosyl-L- α -aspartyl-L-threonyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 74: PN: WO02068599 FIGURE: 1 unclaimed sequence

SQL 45
MF Unspecified
CI MAN

REFERENCE 1: 137:214226

L4 ANSWER 27 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN
RN **250245-35-3** REGISTRY
CN Immunoglobulin, anti-(human CD3 antigen/CD19 antigen) (mouse clone pDISC3x19-SL Fv fragment tetramer precursor) fusion protein with gene c-myc protein epitope fusion protein with hexahistidine peptide (9CI)
(CA INDEX NAME)

OTHER NAMES:

CN 4: PN: WO9957150 SEQID: 4 claimed protein
SQL 539
MF Unspecified
CI MAN

REFERENCE 1: 131:350246

L4 ANSWER 28 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN
RN **250245-29-5** REGISTRY
CN Immunoglobulin, anti-(human CD3 antigen/CD19 antigen) (mouse clone pDISC3x19-LL Fv fragment dimer precursor) fusion protein with gene c-myc protein epitope fusion protein with hexahistidine peptide (9CI)
(CA INDEX NAME)

OTHER NAMES:

CN 2: PN: WO9957150 SEQID: 2 claimed protein
SQL 554
MF Unspecified
CI MAN

REFERENCE 1: 131:350246

L4 ANSWER 29 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN
RN **249509-02-2** REGISTRY
CN L-Serine, glycylglycyl-L-prolylglycyl- (9CI) (CA INDEX NAME)
SQL 5
MF C14 H23 N5 O7

REFERENCE 1: 131:350246

L4 ANSWER 30 OF 30 REGISTRY COPYRIGHT 2005 ACS on STN
RN **149298-29-3** REGISTRY
CN L-Serine, glycylglycylglycylglycyl-L-serylglycylglycylglycylglycyl-L-serylglycylglycylglycylglycyl-L-serylglycylglycylglycylglycyl- (9CI)
(CA INDEX NAME)

OTHER NAMES:

CN 115: PN: US6297051 SEQID: 116 unclaimed protein
CN 116: PN: US6297041 SEQID: 116 unclaimed protein
CN 118: PN: WO0024913 SEQID: 116 claimed protein
CN 11: PN: CN1364898 PAGE: 3 claimed protein
CN 120: PN: WO2005035751 SEQID: 120 unclaimed sequence
CN 121: PN: US20040002450 SEQID: 123 unclaimed protein
CN 123: PN: US20040001822 SEQID: 123 unclaimed protein
CN 125: PN: US20040001839 SEQID: 123 unclaimed protein
CN 149: PN: US20050112642 SEQID: 149 unclaimed sequence
CN 151: PN: US20050009750 SEQID: 149 unclaimed sequence
CN 159: PN: WO02053700 SEQID: 123 unclaimed protein

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CN 16: PN: WO03033666 SEQID: 16 unclaimed protein
CN 179: PN: WO02059264 SEQID: 123 claimed protein
CN 19: PN: WO2004020639 SEQID: 20 unclaimed protein
CN 1: PN: WO03051926 PAGE: 7 unclaimed protein
CN 20: PN: US20040131591 SEQID: 20 unclaimed protein
CN 20: PN: WO2004044168 SEQID: 20 unclaimed protein
CN 21: PN: US20030082561 SEQID: 21 unclaimed protein
CN 21: PN: WO0208286 SEQID: 21 unclaimed protein
CN 23: PN: WO2004067706 SEQID: 84 unclaimed protein
CN 29: PN: WO2004067707 SEQID: 29 unclaimed protein
CN 32: PN: US20050074865 SEQID: 31 unclaimed sequence
CN 3: PN: US20030152913 SEQID: 4 unclaimed protein
CN 3: PN: US20040063912 SEQID: 30 claimed protein
CN 3: PN: WO03087163 SEQID: 2 unclaimed protein
CN 4: PN: US20030206909 SEQID: 4 unclaimed protein
CN 4: PN: WO03066830 SEQID: 4 unclaimed protein
CN 54: PN: US6011002 SEQID: 55 unclaimed protein
CN 75: PN: WO0200729 SEQID: 75 unclaimed protein
CN 97: PN: US20040235011 SEQID: 84 unclaimed sequence
CN 99: PN: WO2004067743 SEQID: 84 unclaimed protein
CN 9: PN: WO02088733 SEQID: 9 unclaimed protein
CN PN: WO9948924 SEQID: 14 unclaimed protein
SQL 20
MF C44 H70 N20 O25

REFERENCE 1: 143:2236
REFERENCE 2: 142:409732
REFERENCE 3: 142:369831
REFERENCE 4: 142:107824
REFERENCE 5: 142:1780
REFERENCE 6: 141:237749
REFERENCE 7: 141:185966
REFERENCE 8: 141:185926
REFERENCE 9: 141:185923
REFERENCE 10: 141:87790

FILE 'MEDLINE' ENTERED AT 14:47:08 ON 23 AUG 2005

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(FILE 'HOME' ENTERED AT 14:39:09 ON 23 AUG 2005)
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D COST

FILE 'REGISTRY' ENTERED AT 14:44:07 ON 23 AUG 2005
L1 3715 SEA ABB=ON PLU=ON GGGGSGGGGSGGGGSGGGGS|GGPGS/SQSP

FILE 'CAPLUS' ENTERED AT 14:44:40 ON 23 AUG 2005
L2 1481 SEA ABB=ON PLU=ON L1
L*** DEL 5 S L2 AND LITTLE ?/AU
L*** DEL 3 S L3 AND ANTIBOD?
D TI AU 1-3
L*** DEL 530 S L2 AND ANTIBOD?
L*** DEL 30 S L3 AND CONSTRUCT
L3 8 SEA ABB=ON PLU=ON L2 AND ANTIBOD?(S)CONSTRUCT
D 1-8 .BEVSTR
SEL HIT L3 1-8 RN

FILE 'REGISTRY' ENTERED AT 14:46:27 ON 23 AUG 2005
L4 30 SEA ABB=ON PLU=ON (149298-29-3/BI OR 249509-02-2/BI OR
250245-29-5/BI OR 250245-35-3/BI OR 456543-55-8/BI OR
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615863-97-3/BI OR 616522-70-4/BI OR 616522-72-6/BI OR
616522-74-8/BI OR 809295-95-2/BI OR 809295-96-3/BI OR
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D 1-30 .BEVREG

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L5 0 SEA ABB=ON PLU=ON L4

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FILE REGISTRY

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STRUCTURE FILE UPDATES: 22 AUG 2005 HIGHEST RN 861291-85-2
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*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *

Searcher : Shears 571-272-2528

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FILE RELOADED: 19 October 2003.

FILE EMBASE

FILE COVERS 1974 TO 18 Aug 2005 (20050818/ED)

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* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

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FILE MEDLINE

FILE LAST UPDATED: 20 AUG 2005 (20050820/UP). FILE COVERS 1950 TO DA

On December 19, 2004, the 2005 MeSH terms were loaded.

The MEDLINE reload for 2005 is now available. For details enter HELP
RLOAD at an arrow prompt (=>). See also:

<http://www.nlm.nih.gov/mesh/>
http://www.nlm.nih.gov/pubs/techbull/nd04/nd04_mesh.html

OLDMEDLINE now back to 1950.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the
MeSH 2005 vocabulary.

This file contains CAS Registry Numbers for easy and accurate
substance identification.

FILE BIOSIS

FILE COVERS 1969 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 17 August 2005 (20050817/ED)